

FIG.1

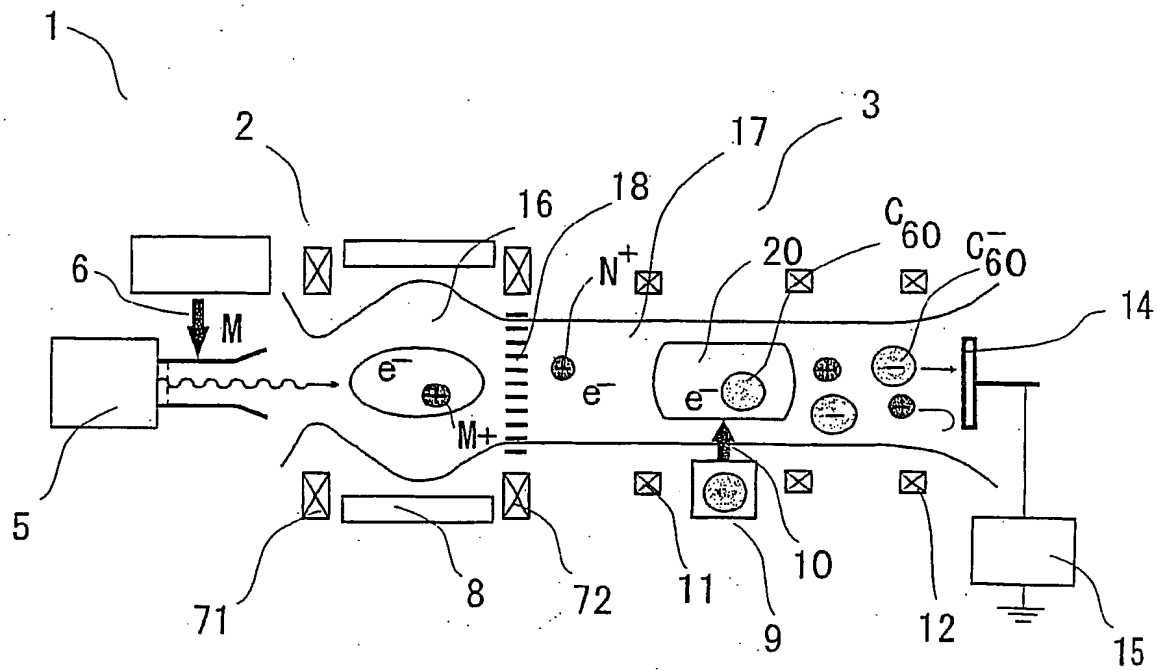


FIG.2

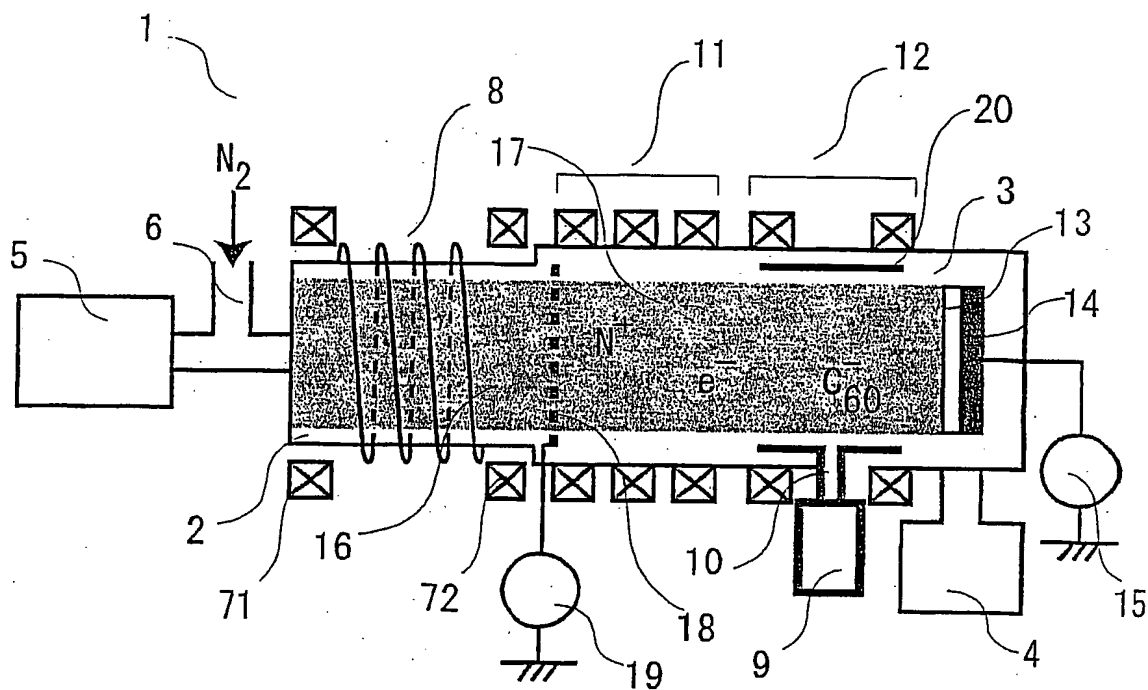


FIG.3

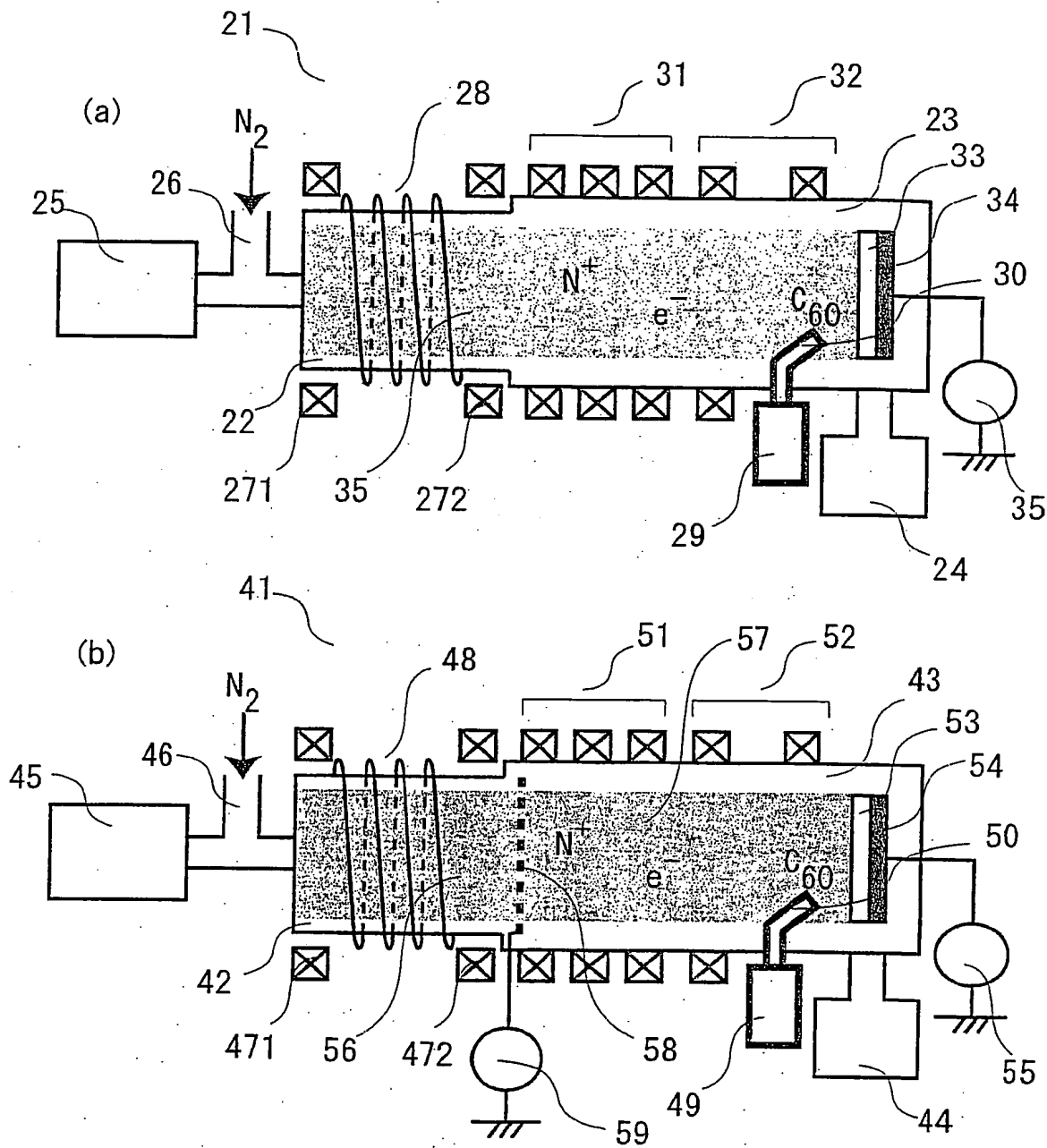


FIG.4

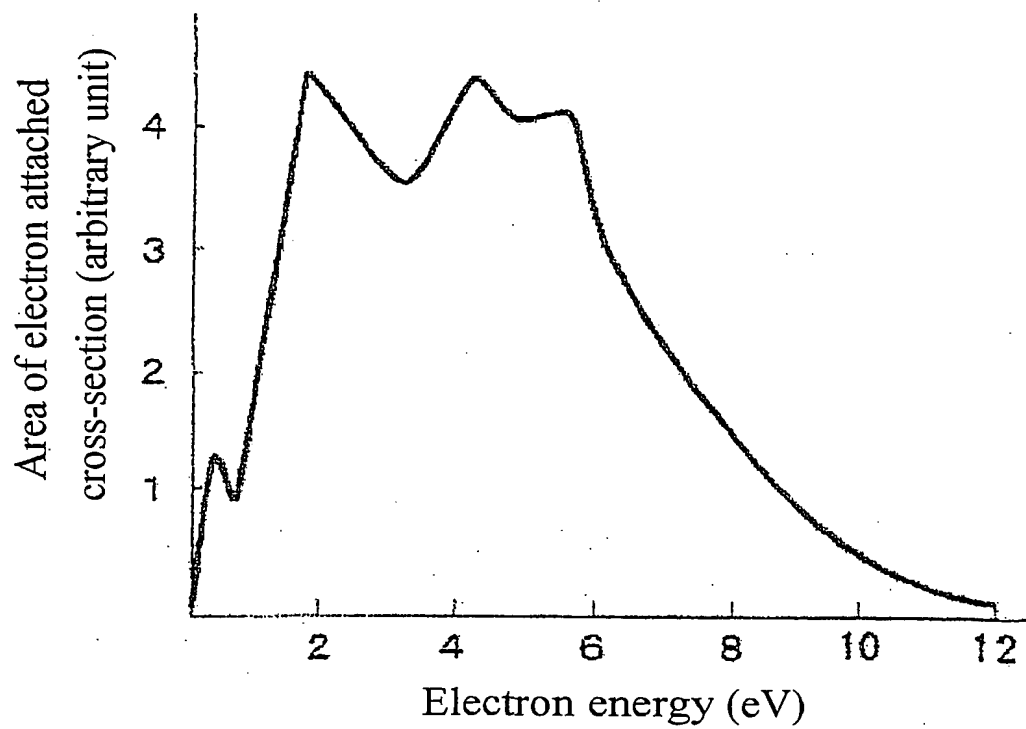


FIG.5

List of data specifying ECR discharge plasma (Ar gas)

Frequency	6. 0 GHz 2. 4 5 GHz
Air pressure	$7 \times 10^{-3}$ Pa
Plasma density	$10^{10}$ cm <sup>-3</sup> (0. 2 kW)
Magnetic field configuration	Mirror field (Mirror ratio $R_m = 1. 3$ )

FIG.6

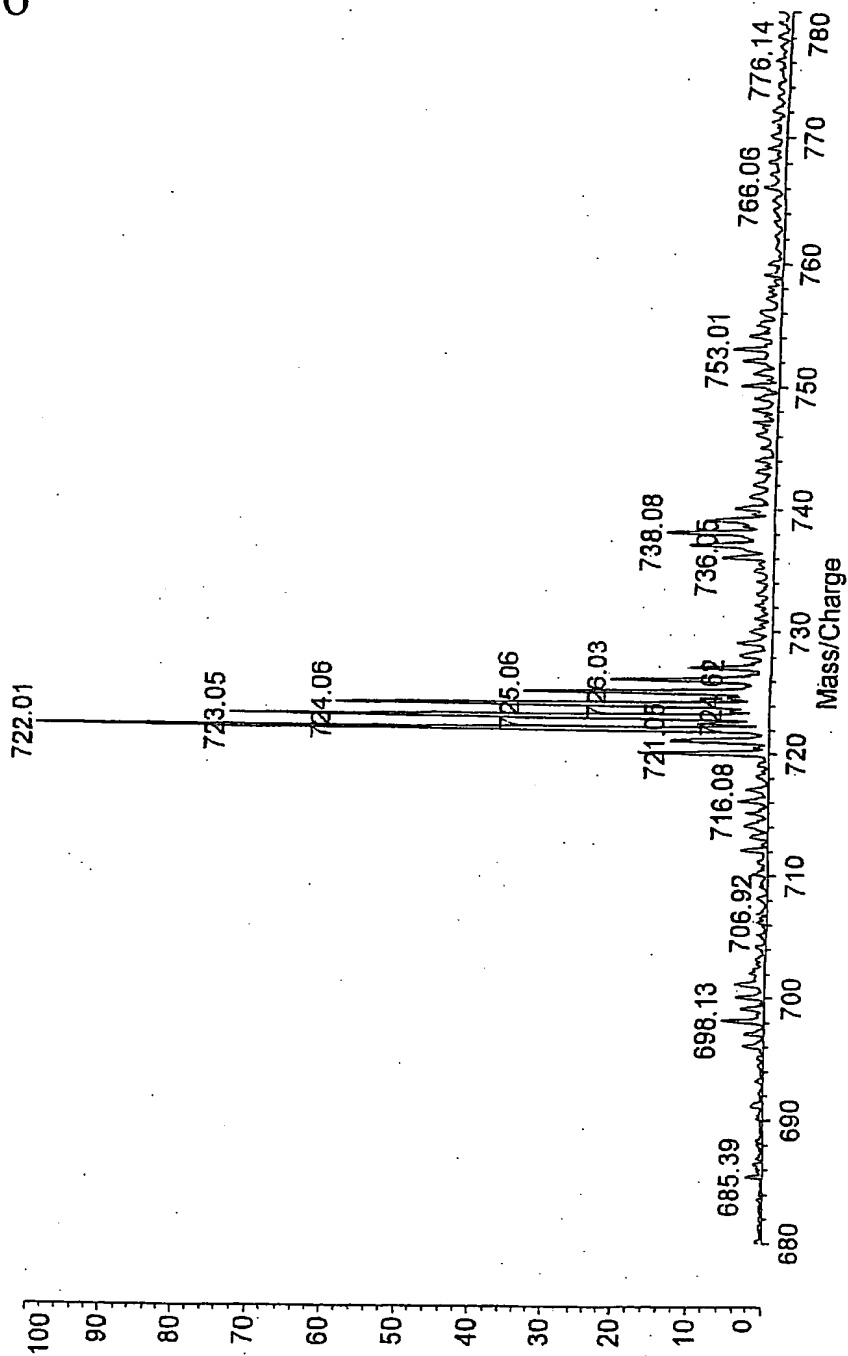


FIG. 7

